Attorney's Docket No.: 06275-522US1 / 101414-1P US

Applicant: Anders Eriksson et al. Serial No.: 10/593,543 Filed: September 20, 2006

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Amendments to the Claims:

This listing of claims replaces all prior versions and listings of claims in the application:

Listing of Claims:

(Currently Amended) A compound of formula (I) or a pharmaceutically acceptable salt
 ensolvate thereof.

$$\begin{array}{c}
R3 \\
R4 \\
R5
\end{array}$$

$$\begin{array}{c}
R3 \\
R4 \\
R7
\end{array}$$

$$\begin{array}{c}
R4 \\
R7
\end{array}$$

(I)

wherein

R¹ and R² independently represent H or C1 to 6 alkyl; said alkyl being optionally further substituted by an aryl ring or an aromatic heterocyclic ring containing 1 to 3 heteroatoms independently selected from O, S and N; said aromatic ring being optionally further substituted by halogen, CF₃, C1 to 4 alkyl or C1 to 4 alkoxy;

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Each R³ and each R⁴ independently represents H or C1 to 6 alkyl; said alkyl being optionally further substituted by OH, C1 to 4 alkoxy, C1 to 4 alkylthio, amino,

N-alkylamino or N,N-dialkylamino;

or R^3 and R^4 are bonded together so as to form a 3 to 7 membered ring; said ring optionally incorporating one heteroatom selected from $O_s S(O)_0$ and N;

m represents an integer 1, 2 or 3;

X represents a group S(O), S(O)2 or C(=O);

R⁵ represents H or C1 to 6 alkyl; said alkyl being optionally further substituted by halogen, OH or C1 to 6 alkoxy;

Y represents a direct bond;

or Y and R^5 are bonded together such that the group $-NR^5Y$ - together represents a 4 to 7 membered saturated or partially unsaturated azacyclic ring; said azacyclic ring optionally incorporating one further heteroatom selected from O, $S(O)_n$ and N; said azacyclic ring being optionally benzo fused; said azacyclic ring being optionally substituted by C1 to 6 alkyl, C1 to 6 alkoxy or OH;

L represents a direct bond;

or L represents O, S(O)_p, C(O), NR⁶, C(O)NR⁶, NR⁶C(O), <u>divalent</u> C2 to 6 alkynyl, <u>divalent</u> C2 to 6 alkenyl, <u>divalent</u> C1 to 6 heteroalkyl or <u>divalent</u> C3 to 6

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heteroalkynyl; said <u>divalent</u> alkyl, <u>divalent</u> alkenyl or <u>divalent</u> alkynyl group being optionally further substituted by halogen. OH or C1 to 6 alkoxy:

n, p and q independently represent an integer 0, 1 or 2;

G[†]-represents a monocyclic, bicyclic, tricyclic or tetracyclic group comprising one, two, three or four ring structures each of up to 7 ring atoms; each ring structure being independently-selected from cycloalkyl; eyeloalkenyl; heterocycloalkyl; unsaturated heterocycloalkyl; aryl; or an aromatic heterocyclic ring containing 1 to 3 heteroatoms independently-selected from O, S and N; with each ring structure being independently optionally substituted by one or more substituents independently-selected from halogen, hydroxy, CHO, C1 to 6 alkyl, C1 to 6 alkoxy, halo-C1 to 6 alkoxy, amino, N alkylamino, N,N dialkylamino, alkylsulfonamino, C2 to 6 alkanoylamino, eyano, nitro, thiol, alkylthio, alkylsulfonyl, alkylaminosulfonyl, C2 to 6 alkanoyl, aminocarbonyl, N alkylamino-carbonyl, N,N-amino-carbonyl;

wherein any alkyl radical within any substituent may itself be optionally substituted with one or more groups selected from halogen, hydroxy, C1 to 6 alkoxy, halo C1 to 6 alkoxy, amino, N alkylamino, N,N-dialkylamino, N alkylsulfonamino, N C2 to 6 alkanoylamino, eyano, nitro, thiol, alkylsulfonyl, N alkylaminosulfonyl, CHO, C2 to 6 alkanoyl, aminocarbonyl, N alkylaminocarbonyl, aminocarbonyl, N alkylaminocarbonyl, and carbamate;

and wherein any alkyl radical is a C1 to 6 alkyl radical;

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G¹ is a monocyclic ring structure of up to 7 ring atoms, which is selected from cycloalkyl; cycloalkenyl; heterocycloalkyl; unsaturated heterocycloalkyl; aryl; or an aromatic heterocyclic ring containing 1 to 3 heteroatoms independently selected from O, S and N; each of which is optionally substituted by one or more substituents independently selected from halogen, hydroxy, CHO, C1 to 6 alkyl, C1 to 6 alkoxy, halo-C1 to 6 alkoxy, amino, N-alkylamino, N,N-adialkylamino, alkylsulfonamino, C2 to 6 alkanoylamino, cyano, nitro, mercapto, alkylthio, alkylsulfonyl, alkylaminosulfonyl, C2 to 6 alkanoyl, aminocarbonyl, N-alkylamino-carbonyl, N,N-amino-carbonyl; wherein any alkyl radical within any substituent may itself be optionally substituted with one or more groups selected from halogen, hydroxy, C1 to 6 alkoxy, halo-C1 to 6 alkoxy, amino, N-alkylamino, N,N-dialkylamino, N-alkylsulfonamino, N-C2 to 6 alkanoyl, aminocarbonyl, N-alkylamino, alkylsulfonyl, N-alkylaminosulfonyl, CHO, C2 to 6 alkanoyl, aminocarbonyl, N-alkylaminocarbonyl, and N,N-dialkylaminocarbonyl; and wherein any alkyl radical is a C1 to 6 alkyl radical; or

G¹ is a bicyclic ring structure, wherein each ring in the bicyclic ring structure is, independently, a ring of up to 7 ring atoms, wherein each ring in the bicyclic ring structure is, independently, selected from cycloalkyl; cycloalkenyl; heterocycloalkyl; unsaturated heterocycloalkyl; aryl; or an aromatic heterocyclic ring containing 1 to 3 heteroatoms independently selected from O. S and N; wherein each ring in the bicyclic ring structure is, independently, optionally substituted by one or more substituents independently selected from halogen, hydroxy, CHO, C1 to 6 alkyl, C1 to 6 alkoxy, halo-C1 to 6 alkoxy, amino, N-alkylamino, N,N-dialkylamino, alkylsulfonamino, C2 to 6 alkanoylamino, cyano, nitro, mercapto, alkylthio, alkylsulfonyl, alkylaminosulfonyl, C2 to 6 alkanoyl, aminocarbonyl, N-alkylamino-carbonyl, N,N-amino-carbonyl; wherein any alkyl radical within any substituent may itself be optionally substituted with one or more groups selected from halogen, hydroxy, C1 to 6 alkoxy, halo-C1 to 6 alkoxy, amino, N-alkylamino, N,N-dialkylamino, N-alkylamino, N-C2 to 6 alkanoylamino, cyano, nitro, mercapto,

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alkylthio, alkylsulfonyl, N-alkylaminosulfonyl, CHO, C2 to 6 alkanoyl, aminocarbonyl, Nalkylaminocarbonyl, and N,N-dialkylaminocarbonyl; and wherein any alkyl radical is a C1 to 6 alkyl radical; or

G¹ is a tricyclic ring structure, wherein each ring in the tricyclic ring structure is, independently, a ring of up to 7 ring atoms, wherein each ring in the tricyclic ring structure is, independently, selected from cycloalkyl; cycloalkenyl; heterocycloalkyl; unsaturated heterocycloalkyl; aryl; or an aromatic heterocyclic ring containing 1 to 3 heteroatoms independently selected from O, S and N; wherein each ring in the tricyclic ring structure is, independently, optionally substituted by one or more substituents independently selected from halogen, hydroxy, CHO, C1 to 6 alkyl, C1 to 6 alkoxy, halo-C1 to 6 alkoxy, amino, N-alkylamino, N,N-dialkylamino, alkylsulfonamino, C2 to 6 alkanoyl, aminocarbonyl, N-alkylamino-carbonyl, N,N-amino-carbonyl; wherein any alkyl radical within any substituent may itself be optionally substituted with one or more groups selected from halogen, hydroxy, C1 to 6 alkoxy, halo-C1 to 6 alkoxy, amino, N-alkylamino, N,N-dialkylamino, N-alkylamino, N,N-dialkylamino, N-alkylamino, N,N-dialkylamino, N,N-dialkylamino, N,N-dialkylamino, N,N-dialkylamino, N,N-dialkylamino, N,N-dialkylamino, N,N-dialkylamino, N,N-dialkylamino, N,N-dialkylamino, N,N-dialkylaminosulfonyl, CHO, C2 to 6 alkanoyl, aminocarbonyl, N-alkylaminocarbonyl, and N,N-dialkylaminocarbonyl, and wherein any alkyl radical is a C1 to 6 alkyl radical; or

G¹ is a tetracyclic ring structure, wherein each ring in the tetracyclic ring structure is, independently, a ring of up to 7 ring atoms, wherein each ring in the tetracyclic ring structure is, independently, selected from cycloalkyl; cycloalkenyl; heterocycloalkyl; unsaturated heterocycloalkyl; aryl; or an aromatic heterocyclic ring containing 1 to 3 heteroatoms independently selected from O, S and N; wherein each ring in the tetracyclic ring structure is, independently, optionally substituted by one or more substituents independently selected from

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halogen, hydroxy, CHO, C1 to 6 alkyl, C1 to 6 alkoxy, halo-C1 to 6 alkoxy, amino, N-alkylamino, N.N-dialkylamino, alkylsulfonamino, C2 to 6 alkanoylamino, cyano, nitro, mercapto, alkylthio, alkylsulfonyl, alkylaminosulfonyl, C2 to 6 alkanoyl, aminocarbonyl, N-alkylamino-carbonyl, N.N-amino-carbonyl; wherein any alkyl radical within any substituent may itself be optionally substituted with one or more groups selected from halogen, hydroxy, C1 to 6 alkoxy, halo-C1 to 6 alkoxy, amino, N-alkylamino, N,N-dialkylamino, N-alkylsulfonamino, N-C2 to 6 alkanoylamino, cyano, nitro, mercapto, alkylthio, alkylsulfonyl, N-alkylaminosulfonyl, CHO, C2 to 6 alkanoyl, aminocarbonyl, N-alkylaminocarbonyl; and wherein any alkyl radical is a C1 to 6 alkyl radical;

and when G¹ is a bicyclic <u>ring structure</u>, a tricyclic <u>ring structure</u>, or a tetracyclic <u>ring structure</u> group, each ring <u>in the bicyclic</u>, <u>tricyclic</u>, <u>or tetracyclic ring</u> structure is, independently, joined to the next ring <u>in the bicyclic</u>, <u>tricyclic</u>, <u>or tetracyclic ring</u> structure by a direct bond, by -O-, by <u>divalent</u> C1-6 alkyl, by <u>divalent</u> C1-6 haloalkyl, by <u>divalent</u> C1-6 heteroalkyl, by <u>divalent</u> C2-6 alkynyl, by sulfone, by CO, by NR⁷CO, by CONR⁷, by NR⁷, by S, or by C(OH), or <u>each ring structure</u> is fused to the next ring <u>in the bicyclic</u>, <u>tricyclic</u>, <u>or tetracyclic</u> ring structure:

R⁶ and R⁷ independently represent H or C1 to 6 alkyl;

and when the group $-NR^5V$ represents an azacyclic ring and L represents a direct bond, the group G^1 may also be spiro fused to the azacyclic ring;

2. (Original) A compound according to claim 1, wherein X represents S(O)2.

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 (Previously presented) A compound according to claim 1, wherein R¹ and R² each represent hydrogen.

- (Previously presented) A compound according claim 1, wherein R³ and R⁴ each represent hydrogen.
- 5. (Previously presented) A compound according to claim 1, wherein R⁵ represents hydrogen or C1 to 6 alkyl and Y represents a direct bond.
- 6. (Previously presented) A compound according to claim 1, wherein the group –NR⁵Y–together represents a five or six membered saturated or partially unsaturated azacyclic ring, said azacyclic ring optionally incorporating one further heteroatom selected from O, S(O)_n and N.
- (Currently Amended) A compound according to claim 1_wherein L represents a direct bond, O, <u>divalent</u> C2 to 6 alkynyl, <u>divalent</u> C1 to 6 alkyl, <u>divalent</u> C1 to 6 heteroalkyl or <u>divalent</u> C3 to 6 heteroalkynyl.
- 8. (Previously presented) A compound according to claim 1, wherein G¹ represents an optionally substituted monocyclic or bicyclic ring structure.
- (Currently Amended) A compound according to claim 1 which is selected from the group consisting of:
- 5-[({4-[(5-chloropyridin-2-yl)oxy]piperidin-1-yl}sulfonyl)methyl]-2,4-dihydro-3H-1,2,4-triazol-3-one;
- $5-[2-(\{4-[(5-chloropyridin-2-yl)oxy]piperidin-1-yl\}sulfonyl)ethyl]-2, 4-dihydro-3H-1, 2, 4-triazol-3-one:$

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5-[3-({4-[(5-chloropyridin-2-yl)oxy]piperidin-1-yl}sulfonyl)propyl]-2,4-dihydro-3H-1,2,4-triazol-3-one:

 $5-(\{[4-(4-chlorophenyl)piperazin-1-yl]sulfonyl\}methyl)-2,4-dihydro-3H-1,2,4-triazol-3-one;$

5-({[4-[(2-methoxypyrimidin-5-yl)ethynyl]-3,6-dihydropyridin-1(2H)-yl]sulfonyl}methyl)-2,4-dihydro-3H-1,2,4-triazol-3-one;

5-({[4-{[2-(trifluoromethyl)pyrimidin-5-yl]ethynyl}-3,6-dihydropyridin-1(2H)-

yl]sulfonyl}methyl)-2,4-dihydro-3H-1,2,4-triazol-3-one;

5-({[4-[(2-cyclopropylpyrimidin-5-yl)cthynyl]-3,6-dihydropyridin-1(2H)-yl]sulfonyl}methyl)-2.4-dihydro-3H-1.2.4-triazol-3-one;

 $5-(\{[4-(4-chlorophenyl)piperidin-1-yl]sulfonyl\}methyl)-2,4-dihydro-3H-1,2,4-triazol-3-one;$

N-benzyl-1-(5-oxo-4,5-dihydro-1H-1,2,4-triazol-3-yl)methanesulfonamide;

1-(5-oxo-4,5-dihydro-1H-1,2,4-triazol-3-yl)-N-(2-phenylethyl)methanesulfonamide;

5-(2-{[4-(4-chlorophenyl)piperidin-1-yl]sulfonyl}ethyl)-2,4-dihydro-3H-1,2,4-triazol-3-one;

5-(2-{[4-(4-chlorophenyl)piperazin-1-yl]sulfonyl}ethyl)-2,4-dihydro-3H-1,2,4-triazol-3-one;

 $5-(3-\{[4-(4-chlorophenyl)piperidin-1-yl]sulfonyl\}propyl)-2,4-dihydro-3H-1,2,4-triazol-3-one;$

5-(3-{[4-(4-chlorophenyl)piperazin-1-yl]sulfonyl}propyl)-2,4-dihydro-3H-1,2,4-triazol-3-one; and pharmaceutically acceptable salts and solvates thereof.

(Currently Amended) A process for the preparation of a compound of formula (I) or a
pharmaceutically acceptable salt or solvate thereof which comprises:
reaction of a compound of formula (II)

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R3 R4

wherein L¹ represents a leaving group, with a compound of formula (III)

$$G^1$$
 $L \longrightarrow Y \longrightarrow N \longrightarrow H$ (III)

wherein;

R¹ and R² independently represent H or C1 to 6 alkyl; said alkyl being optionally further substituted by an aryl ring or an aromatic heterocyclic ring containing 1 to 3 heteroatoms independently selected from O, S and N; said aromatic ring being optionally further substituted by halogen, CF₃, C1 to 4 alkyl or C1 to 4 alkoxy;

Each R^3 and each R^4 independently represents H or C1 to 6 alkyl; said alkyl being optionally further substituted by OH, C1 to 4 alkoxy, C1 to 4 alkylthio, amino, N-alkylamino or N,N-dialkylamino;

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or R³ and R⁴ are bonded together so as to form a 3 to 7 membered ring; said ring optionally incorporating one heteroatom selected from O, S(O)₀ and N;

m represents an integer 1, 2 or 3;

X represents a group S(O), S(O)₂ or C(=O);

R⁵ represents H or C1 to 6 alkyl; said alkyl being optionally further substituted by halogen, OH or C1 to 6 alkoxy;

Y represents a direct bond;

or Y and R^5 are bonded together such that the group $-NR^5Y$ together represents a 4 to 7 membered saturated or partially unsaturated azacyclic ring; said azacyclic ring optionally incorporating one further heteroatom selected from O, $S(O)_n$ and N; said azacyclic ring being optionally benzo fused; said azacyclic ring being optionally substituted by C1 to 6 alkyl, C1 to 6 alkoxy or OH;

L represents a direct bond;

or L represents O, $S(O)_p$, C(O), NR^6 , $C(O)NR^6$, $NR^6C(O)$, $\underline{divalent}$ C2 to 6 alkynyl, $\underline{divalent}$ C2 to 6 alkenyl, $\underline{divalent}$ C1 to 6 alkyl, $\underline{divalent}$ C1 to 6 heteroalkyl or $\underline{divalent}$ C3 to 6 heteroalkynyl; said $\underline{divalent}$ alkyl, $\underline{divalent}$ alkenyl or $\underline{divalent}$ alkynyl group being optionally further substituted by halogen, OH or C1 to 6 alkoxy;

n, p and q independently represent an integer 0, 1 or 2;

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G¹-represents a monocyclic, bicyclic, tricyclic or tetracyclic group comprising one, two, three or four ring structures each of up to 7 ring atoms; each ring structure being independently selected from eycloalkyl; cycloalkenyl; heterocycloalkyl; unsaturated heterocycloalkyl; aryl; or an aromatic heterocyclic ring containing 1-to 3 heteroatoms independently selected from O, S and N; with each ring structure being independently optionally substituted by one or more substituents independently selected from halogen, hydroxy, CHO, C1 to 6 alkyl, C1 to 6 alkoxy, halo-C1 to 6 alkoxy, amino, N-alkylamino, N,N-dialkylamino, alkylsulfonamino, C2 to 6 alkanoylamino, eyano, nitro, thiol, alkylthio, alkylsulfonyl, alkylaminosulfonyl, C2 to 6 alkanoyl, aminocarbonyl, N-alkylamino-carbonyl, N,N-amino-carbonyl;

wherein any alkyl radical within any substituent may itself be optionally substituted with one or more groups selected from halogen, hydroxy, C1 to 6 alkoxy, halo C1 to 6 alkoxy, amino, N alkylamino, N,N dialkylamino, N alkylsulfonamino, N C2 to 6 alkanoylamino, eyano, nitro, thiol, alkylthio, alkylsulfonyl, N alkylaminosulfonyl, CHO, C2 to 6 alkanoyl, aminocarbonyl, N alkylaminocarbonyl, aminocarbonyl, N alkylaminocarbonyl, aminocarbonyl, n alkylaminocarbonyl, aminocarbonyl, n alkylaminocarbonyl, n a

and wherein any alkyl radical is a C1 to 6 alkyl radical;

G¹ is a monocyclic ring structure of up to 7 ring atoms, which is selected from cycloalkyl; cycloalkenyl; heterocycloalkyl; unsaturated heterocycloalkyl; aryl; or an aromatic heterocyclic ring containing 1 to 3 heteroatoms independently selected from O, S and N; each of which is optionally substituted by one or more substituents independently selected from halogen, hydroxy, CHO, C1 to 6 alkyl, C1 to 6 alkoxy, halo-C1 to 6 alkoxy, amino, N-alkylamino, N.N-dialkylamino, alkylsulfonamino, C2 to 6 alkanoylamino, cyano, nitro, mercapto, alkylthio, alkylsulfonyl, alkylaminosulfonyl, C2 to 6 alkanoyl, aminocarbonyl, N-alkylamino-carbonyl,

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N.N-amino-carbonyl; wherein any alkyl radical within any substituent may itself be optionally substituted with one or more groups selected from halogen, hydroxy, C1 to 6 alkoxy, halo-C1 to 6 alkoxy, amino, N-alkylamino, N,N-dialkylamino, N-alkylsulfonamino, N-C2 to 6 alkanoylamino, cyano, nitro, mercapto, alkylthio, alkylsulfonyl, N-alkylaminosulfonyl, CHO, C2 to 6 alkanoyl, aminocarbonyl, N-alkylaminocarbonyl, and N,N-dialkylaminocarbonyl; and wherein any alkyl radical is a C1 to 6 alkyl radical; or

G¹ is a bicyclic ring structure, wherein each ring in the bicyclic ring structure is, independently, a ring of up to 7 ring atoms, wherein each ring in the bicyclic ring structure is, independently, selected from cycloalkyl; cycloalkenyl; heterocycloalkyl; unsaturated heterocycloalkyl; aryl; or an aromatic heterocyclic ring containing 1 to 3 heteroatoms independently selected from O, S and N; wherein each ring in the bicyclic ring structure is, independently selected from O, S and N; wherein each ring in the bicyclic ring structure is, independently, optionally substituted by one or more substituents independently selected from halogen, hydroxy, CHO, C1 to 6 alkyl, C1 to 6 alkoxy, halo-C1 to 6 alkoxy, amino, N-alkylamino, N,N-dialkylamino, alkylsulfonamino, C2 to 6 alkanoyl, aminocarbonyl, N-alkylamino-carbonyl, N,N-amino-carbonyl; wherein any alkyl radical within any substituent may itself be optionally substituted with one or more groups selected from halogen, hydroxy, C1 to 6 alkoxy, halo-C1 to 6 alkoxy, amino, N-alkylamino, N,N-dialkylamino, N-alkylamino, N-C2 to 6 alkanoylamino, cyano, nitro, mercapto, alkylthio, alkylsulfonyl, N-alkylaminosulfonyl, CHO, C2 to 6 alkanoyl, aminocarbonyl, N-alkylaminocarbonyl, and N,N-dialkylaminocarbonyl, and wherein any alkyl radical is a C1 to 6 alkyl radical; or

G¹ is a tricyclic ring structure, wherein each ring in the tricyclic ring structure is, independently, a ring of up to 7 ring atoms, wherein each ring in the tricyclic ring structure is, independently, selected from cycloalkyl; cycloalkenyl; heterocycloalkyl; unsaturated heterocycloalkyl; aryl; or

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an aromatic heterocyclic ring containing 1 to 3 heteroatoms independently selected from O, S and N; wherein each ring in the tricyclic ring structure is, independently, optionally substituted by one or more substituents independently selected from halogen, hydroxy, CHO, C1 to 6 alkyl, C1 to 6 alkoxy, halo-C1 to 6 alkoxy, amino, N-alkylamino, N,N-dialkylamino, alkylsulfonamino, C2 to 6 alkanoylamino, cyano, nitro, mercapto, alkylthio, alkylsulfonyl, alkylaminosulfonyl, C2 to 6 alkanoyl, aminocarbonyl, N-alkylamino-carbonyl, N,N-amino-carbonyl; wherein any alkyl radical within any substituent may itself be optionally substituted with one or more groups selected from halogen, hydroxy, C1 to 6 alkoxy, halo-C1 to 6 alkoxy, amino, N-alkylamino, N,N-dialkylamino, N-alkylsulfonamino, N-C2 to 6 alkanoylamino, cyano, nitro, mercapto, alkylsulfonyl, N-alkylaminosulfonyl, CHO, C2 to 6 alkanoyl, aminocarbonyl, N-alkylaminocarbonyl, and N,N-dialkylaminocarbonyl, and wherein any alkyl radical is a C1 to 6 alkyl radical; or

G¹ is a tetracyclic ring structure, wherein each ring in the tetracyclic ring structure is, independently, a ring of up to 7 ring atoms, wherein each ring in the tetracyclic ring structure is, independently, selected from cycloalkyl; cycloalkenyl; heterocycloalkyl; unsaturated heterocycloalkyl; aryl; or an aromatic heterocyclic ring containing 1 to 3 heteroatoms independently selected from O, S and N; wherein each ring in the tetracyclic ring structure is, independently, optionally substituted by one or more substituents independently selected from halogen, hydroxy, CHO, C1 to 6 alkyl, C1 to 6 alkoxy, halo-C1 to 6 alkoxy, amino, N-alkylamino, alkylsulfonamino, C2 to 6 alkanoylamino, cyano, nitro, mercapto, alkylthio, alkylsulfonyl, alkylaminosulfonyl, C2 to 6 alkanoyl, aminocarbonyl, N-alkylamino-carbonyl, N,N-amino-carbonyl; wherein any alkyl radical within any substituent may itself be optionally substituted with one or more groups selected from halogen, hydroxy, C1 to 6 alkoxy, halo-C1 to 6 alkoxy, amino, N-alkylamino, N,N-dialkylamino, N-alkylsulfonamino, N-C2 to 6 alkanoylamino, cyano, nitro, mercapto, alkylthio, alkylsulfonyl, N-alkylaminosulfonyl,

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CHO, C2 to 6 alkanoyl, aminocarbonyl, N-alkylaminocarbonyl, and N,N-dialkylaminocarbonyl; and wherein any alkyl radical is a C1 to 6 alkyl radical;

and when G¹ is a bicyclic <u>ring structure</u>, a tricyclic <u>ring structure</u>, or a tetracyclic <u>ring structure</u> group, each ring <u>in the bicyclic, tricyclic, or tetracyclic ring</u> structure is, independently, joined to the next ring <u>in the bicyclic, tricyclic, or tetracyclic ring</u> structure by a direct bond, by -O-, by <u>divalent</u> C1-6 alkyl, by <u>divalent</u> C1-6 haloalkyl, by <u>divalent</u> C1-6 heteroalkyl, by <u>divalent</u> C2-6 alkenyl, by <u>divalent</u> C2-6 alkynyl, by sulfone, by CO, by NR⁷CO, by CONR⁷, by NR⁷, by S, or by C(OH), or <u>each ring structure</u> is fused to the next ring <u>in the bicyclic, tricyclic, or tetracyclic ring</u> structure;

R⁶ and R⁷ independently represent H or C1 to 6 alkyl;

and when the group $-NR^5V$ represents an azacyclic ring and L represents a direct bond, the group G^1 may also be spiro fused to the azacyclic ring and optionally thereafter forming a pharmaceutically acceptable salt or solvate.

- 11. (Currently Amended) A pharmaceutical composition comprising a compound of formula (I) or a pharmaceutically acceptable salt or solvate thereof as claimed in claim 1 in association with a pharmaceutically acceptable adjuvant, diluent or carrier.
- 12. (Currently Amended) A process for the preparation of a pharmaceutical composition comprising a compound of formula (I) or a pharmaceutically acceptable salt or-solvate thereof as claimed in claim 1, which comprises mixing a compound of formula (I) or a pharmaceutically acceptable salt or-solvate thereof as defined in claim 1 with a pharmaceutically acceptable adjuvant, diluent or carrier.

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13-14. (Cancelled)

(Currently Amended) A The method of treating according to claim 17, wherein the
obstructive airways disease is asthma or chronic obstructive pulmonary disease, which comprises

administering to a patient a therapeutically effective amount of a compound of formula (I) or a

pharmaceutically acceptable salt thereof as claimed in claim 1.

(Cancelled)

17. (Cancelled)

18. (New) A compound according to claim 1, wherein G¹ is phenyl, which is optionally substituted by one or more substituents independently selected from halogen, hydroxy, CHO, C1

to 6 alkyl, C1 to 6 alkoxy, halo-C1 to 6 alkoxy, amino, N-alkylamino, N,N-dialkylamino,

 $alkyl sulfonamino,\ C2\ to\ 6\ alkanoylamino,\ cyano,\ nitro,\ mercapto,\ alkyl thio,\ alkyl sulfonyl,$

 $alkylaminosulfonyl,\,C2\ to\ 6\ alkanoyl,\,aminocarbonyl,\,N-alkylamino-carbonyl,\,N,N-a$

carbonyl; wherein any alkyl radical within any substituent may itself be optionally substituted with one or more groups selected from halogen, hydroxy, C1 to 6 alkoxy, halo-C1 to 6 alkoxy,

with one of more groups selected from halogen, hydroxy, C1 to 6 alkoxy, halo-C1 to 6 alkoxy,

amino, N-alkylamino, N,N-dialkylamino, N-alkylsulfonamino, N-C2 to 6 alkanoylamino, cyano, nitro, mercanto, alkylthio, alkylsulfonyl, N-alkylaminosulfonyl, CHO, C2 to 6 alkanoyl,

aminocarbonyl, N-alkylaminocarbonyl, and N,N-dialkylaminocarbonyl; and wherein any alkyl

radical is a C1 to 6 alkyl radical.

19. (New) A compound according to claim 18, wherein X represents S(O)2.

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20. (New) A compound according to claim 18, wherein R¹ and R² each represent hydrogen.

- 21. (New) A compound according claim 18, wherein R³ and R⁴ each represent hydrogen.
- (New) A compound according to claim 18, wherein R⁵ represents hydrogen or C1 to 6 alkyl and Y represents a direct bond.
- 23. (New) A compound according to claim 18, wherein the group $-NR^5Y$ together represents a five or six membered saturated or partially unsaturated azacyclic ring, said azacyclic ring optionally incorporating one further heteroatom selected from O, $S(O)_n$ and N.
- 24. (New) A compound according to claim 18 wherein L represents a direct bond, O, divalent C2 to 6 alkynyl, divalent C1 to 6 alkyl, divalent C1 to 6 heteroalkyl or divalent C3 to 6 heteroalkynyl.
- 25. (New) A compound according to claim 18 which is selected from the group consisting of:

 $5 - (\{[4 - (4 - chlorophenyl)piperazin-1 - yl]sulfonyl\} methyl) - 2, 4 - dihydro-3H-1, 2, 4 - triazol-3 - one;$

5-({[4-(4-chlorophenyl)piperidin-1-yl]sulfonyl}methyl)-2,4-dihydro-3H-1,2,4-triazol-3-one;

N-benzyl-1-(5-oxo-4,5-dihydro-1H-1,2,4-triazol-3-yl)methanesulfonamide;

1-(5-oxo-4,5-dihydro-1H-1,2,4-triazol-3-yl)-N-(2-phenylethyl)methanesulfonamide;

5-(2-{[4-(4-chlorophenyl)piperidin-1-yl]sulfonyl}ethyl)-2,4-dihydro-3H-1,2,4-triazol-3-one;

5-(2-{[4-(4-chlorophenyl)piperazin-1-v]|sulfonyl}ethyl)-2.4-dihydro-3H-1.2.4-triazol-3-one;

5-(3-{[4-(4-chlorophenyl)piperidin-1-yl]sulfonyl}propyl)-2,4-dihydro-3H-1,2,4-triazol-3-one;

and

 $5-(3-\{[4-(4-chlorophenyl)piperazin-1-yl]sulfonyl\}propyl)-2,4-dihydro-3H-1,2,4-triazol-3-one;$

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or a pharmaceutically acceptable salt thereof.

26. (New) A pharmaceutical composition comprising a compound of formula (I) or a pharmaceutically acceptable salt thereof as claimed in claim 18 in association with a pharmaceutically acceptable adjuvant, diluent or carrier.

- 27. (New) A process for the preparation of a pharmaceutical composition, which comprises mixing a compound of formula (I) or a pharmaceutically acceptable salt thereof as defined in claim 18 with a pharmaceutically acceptable adjuvant, diluent or carrier.
- 28. (New) A method of treating asthma or chronic obstructive pulmonary disease, which comprises administering to a patient a therapeutically effective amount of a compound of formula (I) or a pharmaceutically acceptable salt thereof as claimed in claim 18.